

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

Vol: 74

No: 47

For Week Ending: November 19, 1993

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 11/19/93	Last Week Ending: 11/12/93	Last Year Week Ending: 11/20/92	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,917	13,901	13,720	16	197
Operable Capacity	15,145	15,145	15,459	0	-314
Percent Operated	91.9	91.8	88.8		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,915	7,804	7,417	111	498
Total Motor Gasoline Stocks	215,378	212,429	210,212	2,949	5,166
Total Finished Gasoline Stocks	176,165	174,995	172,290	1,170	3,875
Blending Components Stocks	39,213	37,434	37,922	1,779	1,291
JET KEROSENE					
Total Jet Kerosene Production	1,268	1,270	1,279	-2	-11
Total Jet Kerosene Stocks	36,695	36,901	41,898	-206	-5,203
DISTILLATE FUEL OIL					
Total Distillate Production	3,492	3,451	3,269	41	223
Total Distillate Stocks	138,794	138,060	136,545	734	2,249
RESIDUAL FUEL OIL					
Total Residual Fuel Production	815	858	910	-43	-95
Total Residual Fuel Stocks	45,721	45,862	45,040	-141	681
IMPORTS					
Crude Oil Imports	6,986	7,646	6,664	-660	322
Product Imports	1,852	1,500	1,877	352	-25
CRUDE OIL STOCKS	329,692	335,394	324,073	-5,702	5,619
CRUDE SUPPLY BALANCE	-940				

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U.S. REFINERY OPERATIONS
(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,580	1,323	1,329	1,442	92.2
Appal. No. 1	103	99	100	109	91.7
PADD 1 TOTAL	1,683	1,422	1,429	1,551	92.1
Week Ago	1,618	1,436	1,446	1,551	93.2
Year Ago	1,540	1,318	1,318	1,544	85.4
IN, IL, KY	2,298	2,171	2,239	2,327	96.2
MN, WI, ND, SD	363	354	354	368	96.2
OK, KS, MO	696	680	691	726	95.2
PADD 2 TOTAL	3,357	3,205	3,284	3,421	96.0
Week Ago	3,489	3,252	3,333	3,421	97.4
Year Ago	3,403	3,187	3,217	3,356	95.9
Inland TX	609	520	520	530	98.1
TX Gulf Coast	3,270	2,827	2,951	3,231	91.3
LA Gulf Coast	2,752	2,576	2,576	2,646	97.4
N. LA and AR	130	114	118	256	46.1
NM	89	62	62	95	65.3
PADD 3 TOTAL	6,850	6,099	6,227	6,758	92.1
Week Ago	6,760	5,961	6,103	6,758	90.3
Year Ago	6,896	6,170	6,267	7,138	87.8
PADD 4 TOTAL	499	469	474	519	91.3
Week Ago	495	477	482	519	92.9
Year Ago	443	440	443	514	86.2
PADD 5 TOTAL	2,741	2,503	2,503	2,896	86.4
Week Ago	2,762	2,532	2,537	2,896	87.6
Year Ago	2,590	2,358	2,475	2,907	85.1
U.S. TOTAL	15,130	13,698	13,917	15,145	91.9
Week Ago	15,124	13,658	13,901	15,145	91.8
Year Ago	14,872	13,473	13,720	15,459	88.8

See Definitional Notes on Page 6.

*See revisions, Page 7.

U.S. REFINERY OUTPUT
(Daily Averages in thousands of 42-gallon barrels)

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DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	917	435	—	482	10	63	56	7	493	169	324	140
Appal. No. 1	41	—	—	41	—	—	—	—	28	18	10	2
PADD 1 TOTAL	958	435	—	523	10	63	56	7	521	187	334	142
Week Ago	889	420	—	469	3	81	68	13	509	257	252	134
Year Ago	766	na	na	na	3	105	na	na	417	na	na	115
IN, IL, KY	1,369	491	—	878	9	134	130	4	564	310	254	75
MN, WI, ND, SD	194	18	—	176	1	21	21	—	102	20	82	11
OK, KS, MO	332	107	—	225	12	21	21	—	208	86	122	9
PADD 2 TOTAL	1,895	616	—	1,279	22	176	172	4	874	416	458	95
Week Ago	1,888	604	—	1,284	14	179	175	4	904	493	411	90
Year Ago	1,875	na	na	na	8	231	na	na	786	na	na	82
Inland TX	303	43	—	260	4	41	31	10	171	138	33	8
TX Gulf Coast	1,684	260	—	1,424	7	283	261	22	640	384	256	157
LA Gulf Coast	1,353	126	—	1,227	14	366	347	19	602	258	344	142
N. LA and AR	62	—	—	62	10	—	—	—	35	26	9	10
NM	55	—	—	55	3	1	—	1	20	31	-11	1
PADD 3 TOTAL	3,457	429	—	3,028	38	691	639	52	1,468	837	631	318
Week Ago	3,370	431	—	2,939	41	634	596	38	1,469	769	700	383
Year Ago	3,311	na	na	na	62	581	na	na	1,495	na	na	349
PADD 4 TOTAL	249	11	—	238	11	15	15	—	130	92	47	8
Week Ago	248	15	—	233	7	15	15	—	140	71	69	8
Year Ago	247	na	na	na	12	19	na	na	148	na	na	41
PADD 5 TOTAL	1,356	567	—	789	—	323	262	61	490	238	252	252
Week Ago	1,409	632	—	777	4	361	311	50	429	242	187	243
Year Ago	1,218	na	na	na	32	343	na	na	423	na	na	323
U.S. TOTAL	7,915	2,058	—	5,857	81	1,268	1,144	124	3,492	1,770	1,722	815
Week Ago	7,804	2,102	—	5,702	69	1,270	1,165	105	3,451	1,832	1,619	858
Year Ago	7,417	na	na	na	117	1,279	na	na	3,269	na	na	910

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

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DISTRICT	Motor Gasoline										Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Finished Motor Gasoline						Blending Components	Naphtha		Kerosine Type	Total	Sulfur <=.05%	Sulfur > .05%				
	Total	Finished	Oxygen'd	Finished Reform'd	Other Finished	Components											
New England	5,582	5,563	528	—	5,035	19	89	610	13,810	2,862	10,948	1,362	—				
Central Atlantic	32,328	27,246	8,741	—	18,505	5,082	89	4,436	39,433	8,922	30,511	14,576	9,847				
Lower Atlantic	23,240	23,026	4,090	—	18,936	214	96	4,746	14,267	7,325	6,942	2,728	638				
PADD 1 TOTAL	61,150	55,835	13,359	—	42,476	5,315	274	9,792	67,510	19,109	48,401	18,666	10,485				
Week Ago	60,882	55,710	14,233	—	41,477	5,172	308	9,816	67,555	18,519	49,036	18,286	10,965				
Year Ago	57,396	52,086	na	na	na	5,310	344	12,584	66,149	na	na	18,530	11,734				
PADD 2 TOTAL	54,673	46,795	705	—	46,090	7,878	744	6,173	30,198	16,824	13,374	3,211	17,016				
Week Ago	53,980	46,247	779	—	45,468	7,733	902	6,654	29,860	16,440	13,420	3,196	17,616				
Year Ago	57,120	48,186	na	na	na	8,934	1,025	8,430	28,910	na	na	2,481	15,857				
PADD 3 TOTAL	64,659	47,470	5,008	—	42,462	17,189	1,306	13,618	26,950	12,521	14,429	15,730	47,967				
Week Ago	62,539	47,023	5,268	—	41,755	15,516	1,184	12,855	27,159	12,669	14,490	16,143	48,251				
Year Ago	60,246	45,445	na	na	na	14,801	1,369	14,932	29,165	na	na	16,393	52,262				
PADD 4 TOTAL	5,472	4,071	428	—	3,643	1,401	222	371	2,855	1,648	1,207	400	2,421				
Week Ago	5,378	3,991	523	—	3,468	1,387	201	384	2,495	1,311	1,184	400	2,349				
Year Ago	5,880	4,690	na	na	na	1,190	270	571	2,425	na	na	407	2,014				
PADD 5 TOTAL	29,424	21,994	8,538	—	13,456	7,430	447	6,741	11,281	7,051	4,230	7,714	21,346				
Week Ago	29,650	22,024	8,356	—	13,668	7,626	245	7,192	10,991	6,806	4,385	7,837	21,414				
Year Ago	29,570	21,883	na	na	na	7,687	1,340	5,381	9,896	na	na	7,229	22,421				
U.S. TOTAL	215,378	176,165	28,038	—	148,127	39,213	2,993	36,695	138,794	57,153	81,641	45,721	99,235				
Week Ago	212,429	174,995	29,159	—	145,836	37,434	2,840	36,901	138,060	55,545	82,515	45,862	100,595				
Year Ago	210,212	172,290	na	na	na	37,922	4,348	41,898	136,545	na	na	45,040	104,288				

See Definitional Notes on Page 6.

* See revisions, Page 7.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)
(daily averages in thousands of 42-gallon barrels)

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DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: November 19, 1993	4,312.0	6,774	923
Week Ended: November 12, 1993	4,312.0	7,444	806
Week Ended: November 5, 1993	4,321.0	5,862	874
Week Ended: November 20, 1992	4,347.0	6,553	768
DOE latest (06/93):	4,303.0		
PADD 5			
Week Ended: November 19, 1993	2,598.0	212	108
Week Ended: November 12, 1993	2,598.0	202	78
Week Ended: November 5, 1993	2,564.0	193	111
Week Ended: November 20, 1992	2,650.0	111	60
DOE latest (06/93):	2,454.0		
TOTAL U.S.			
Week Ended: November 19, 1993	6,910.0	6,986	1,031
Week Ended: November 12, 1993	6,910.0	7,646	884
Week Ended: November 5, 1993	6,885.0	6,055	985
Week Ended: November 20, 1992	6,997.0	6,664	828
DOE monthly - year ago	7,024.0		
DOE latest (06/93):	6,757.0		

CRUDE OIL STOCKS BY LOCATION
(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	TOTAL	PADD 5	TOTAL
						ALASKAN IN TRANSIT BY WATER	
Current Week	14,171	74,827	163,759	10,966	65,969	12,956	329,692
Week Ago	13,425	75,341	168,950	10,946	66,732	16,320	335,394
Year Ago	14,065	71,164	158,320	11,736	68,788	15,938	324,073

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	-940
1992 Average:	282
1992 Positive Average:	511
1992 Negative Average:	-479

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS (Daily averages in thousands of 42-gallon barrels)

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DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished		Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur ≤ .05%	Sulfur > .05%			Oils	Other	
New England	31	—	—	31	—	—	—	4	79	8	71	60	—	—	174
Central Atlantic	129	—	—	129	48	—	—	24	61	32	29	215	14	109	620
Lower Atlantic	41	—	—	41	—	—	—	16	11	11	—	41	—	—	116
PADD 1 TOTAL	201	—	—	201	48	—	—	44	151	51	100	316	14	109	910
week ago	186	—	—	186	29	—	—	71	121	32	89	241	13	60	784
4 Week averages															
avg - current 4 weeks	252	4	—	248	40	—	—	49	176	61	115	255	26	89	936
avg - year ago 4 weeks	204	na	na	na	44	8	93	93	197	na	na	331	11	201	1,122
PADDs 2-4 TOTAL	2	—	—	2	6	—	—	1	3	1	2	6	219	471	814
week ago	1	—	—	1	18	—	—	1	41	39	2	7	204	306	648
4 Week averages															
avg - current 4 weeks	2	—	—	2	14	1	12	12	38	35	3	17	203	354	768
avg - year ago 4 weeks	7	na	na	na	17	3	11	11	10	na	na	70	145	204	587
PADD 5 TOTAL	7	—	—	7	—	—	—	41	4	—	4	61	4	5	128
week ago	6	—	—	6	—	—	—	—	4	—	4	24	6	5	68
4 Week averages															
avg - current 4 weeks	7	—	—	7	—	—	1	36	33	20	13	29	6	5	127
avg - year ago 4 weeks	7	na	na	na	2	—	—	—	2	na	na	2	6	16	37
U.S. TOTAL	210	—	—	210	54	—	—	86	158	52	106	383	237	585	1,852
week ago	193	—	—	193	47	—	—	72	166	71	95	272	223	371	1,500
4 Week averages															
avg - current 4 weeks	261	4	—	257	54	2	97	97	246	116	130	301	235	448	1,829
avg - year ago 4 weeks	217	na	na	na	63	11	104	104	209	na	na	403	162	421	1,745

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S WEEKLY STATISTICAL BULLETIN

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

- | | | |
|----|------------------|----------------------------|
| 1) | New England | ME, NH, VT, MA, RI, and CT |
| 2) | Central Atlantic | NY, NJ, PA, DE, MD, and DC |
| 3) | Lower Atlantic | VA, WV, NC, SC, GA, and FL |

API Weekly Statistical Bulletin
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Revisions

11/12/93 PAGE 1 TOTAL INPUTS

PAGE 3 UNFINISHED OILS

PADD 3 TOTAL	6,760
TX GULF COAST	3,331
U.S. TOTAL	15,124
PADD 3 TOTAL	48,251
U.S. TOTAL	100,595